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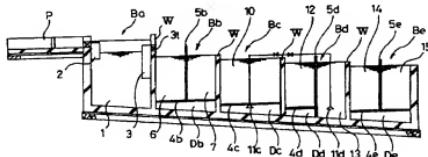


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(54) Title : WATER TREATMENT METHOD AND WATER TREATMENT APPARATUS

(54) 発明の名称 水処理方法及び水処理装置



(57) Abstract

This invention aims at providing water treatment techniques capable of carrying out a high-performance water purifying treatment by efficiently removing a synthetic organic compound, such as a surface active agent for a detergent and components of agricultural chemicals from contaminated water having a comparatively low load of, for example, BOD. To achieve this object, a utilizable filter medium formed by depositing a substrate having a specific utilizationability by the target microorganisms on a porous base material, such as charcoal, is used as the filter medium, with which contaminated water to be treated is brought into contact under aerobic conditions. Using the utilizable filter medium in this manner enables specified microorganisms having a high efficiency of removing synthetic organic contaminants to be selectively utilized, and synthetic organic compounds to be efficiently removed.



Title **WO9429224A1: WATER TREATMENT METHOD AND WATER TREAT APPARATUS**
 ► Want to see a more descriptive title highlighting what's new about this invention?

Country **WO World Intellectual Property Organization (WIPO)**
 Kind **A1 Publ.of the Int Appl. with Int search report**

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► Interested in classification by use rather than just by description?

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Abstract

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AT BE BR CA CH DE DK ES FR GB GR IE IT LU MC NL PT SE US

This invention aims at providing water treatment techniques capable of carrying out a high-performance water purifying treatment by efficiently removing a synthetic organic compound, such as a surface active agent for a detergent and components of agricultural chemicals from contaminated water having a comparatively low load of, for example, BOD. To achieve this object, a utilizable filter medium formed by depositing a substrate having a specific utilizability by the target microorganisms on a porous base material, such as charcoal, is used as the filter medium, with which



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Other Abstract Info DERABS C95-036315 DERC95-036315

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